

**UTILITY  
PATENT  
APPLICATION  
TRANSMITTAL**(Only for new nonprovisional applications  
under 37 C.F.R. §1.53(b))

Attorney Docket No.

32301WD1181

Customer No. 00441

First Inventor or Application Identifier

Madhavan NAMPOOTHIRI, et al.

Title

Nucleotide Sequences which Code for  
the fadD15 Gene

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 42]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. Oath or Declaration [Total Pages 2]  
a. ☒ Newly Unexecuted (Informational)  
b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with Box 16 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application, see  
37 C.F.R. §1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL  
ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR  
APPLICATION IS RELIED UPON (37 C.F.R. §1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if  
applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. §3.73(b) Statement  
(when there is an assignee)  
☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement  
(IDS)/PTO-1449  
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \*Small Entity Statement(s) (PTO/SB/09-12)  
☐ Statement filed in prior application, Status still proper  
and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: \_\_\_\_\_

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09/577,848, filed May 25, 2000For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a  
part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a  
portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

(insert Customer No. or Attach bar code label here)

Name	SMITH GAMBRELL & RUSSELL, L.L.P.,				
Address	1850 M Street, N.W., Suite 800				
City	Washington, D.C.	State		Zip Code	20036
Country	U.S.A.	Telephone	(202) 659-2811	Fax	(202) 263-4329

Name	Robert G. Weilacher	Reg. No.	20,531
Signature	<i>R.G. Weilacher</i> 45,338	Date	May 16, 2001


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete if Known	
	Application Number	New
	Filing Date	May 16, 2001
	First Named Inventor	Madhavan NAMPOOTHIRI, et al.
	Examiner Name	Unassigned
	Group / Art Unit	Unassigned
	Attorney Docket No.	32301WD1181

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid.  
See Forms PTO/SB/09-12.  
See 37 C.F.R. §§1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT: \$ 0.00

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																				
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account No.: 02-4300</p> <p>Deposit Account Name: _____</p> <p><input type="checkbox"/> Charge any additional fee Required Under 37 C.F.R. §§1.16 and 1.17</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p><b>FEE CALCULATION</b></p> <p>1. BASIC FILING FEE</p> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710.00</td></tr><tr><td>106</td><td>355</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>390</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr></tbody></table> <p><b>SUBTOTAL (1): \$0.00</b></p> <p>2. EXTRA CLAIM FEES</p> <table border="1"><thead><tr><th>Extra Claims</th><th>Fee from</th><th>Fee paid below</th><th></th></tr></thead><tbody><tr><td>Total Claims</td><td>-20 = 6 x \$18.00 =</td><td>0.00</td><td></td></tr><tr><td>Indep. Claims</td><td>-3 = 0 x \$80.00 =</td><td>0.00</td><td></td></tr><tr><td>Multiple Dep.</td><td>= 270.00 =</td><td>0.00</td><td></td></tr></tbody></table> <p><b>SUBTOTAL (2): \$ 0.00</b></p> <p><small>**or number previously paid, if greater. For Reissues, see below.</small></p> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>109</td><td>78</td><td>209</td><td>39</td><td>Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr></tbody></table> <p><b>SUBTOTAL (2): \$ 0.00</b></p>	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	345	Utility filing fee	710.00	106	355	206	155	Design filing fee		107	390	207	240	Plant filing fee		108	710	208	345	Reissue filing fee		114	150	214	75	Provisional filing fee		Extra Claims	Fee from	Fee paid below		Total Claims	-20 = 6 x \$18.00 =	0.00		Indep. 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unavoidable</td><td></td></tr><tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr></tbody></table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p><b>SUBTOTAL (3): \$0.00</b></p> <p><b>TOTAL: \$ 0.00</b></p> <p><b>**THIS APPLICATION IS BEING FILED WITHOUT FILING FEES**</b></p>	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1,840	113	1,840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1,510	218	755	Extension for reply within fourth month		128	2,060	228	1,030	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,320	241	660	Petition to revive - unintentional		142	1,320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Robert G. Weilacher			Reg. Number	20,531
Signature		Date	May 16, 2001	Deposit Account	02-4300
				User ID	